

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	577	(141/231).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	OFF	2009/04/28 14:04
L2	13	"137".cls. and overpressure and cut-off	USPAT	OR	OFF	2009/04/28 14:04
L3	397	pump cut-off pressure tap	USPAT	AND	OFF	2009/04/28 14:04
L4	14	pump cut-off pressure adj tap	USPAT	AND	OFF	2009/04/28 14:04
L5	68	tank adj filling and cut-off	USPAT	AND	OFF	2009/04/28 14:04
L6	322	(137/899).COLS.	USPAT; USOCR	OR	OFF	2009/04/28 14:04
L7	439	(222/608).COLS.	USPAT; USOCR	OR	OFF	2009/04/28 14:04
L8	503	141/63.cls. & pressure	USPAT	OR	OFF	2009/04/28 14:04
L9	364	141/94.cls. & pressure	USPAT	OR	OFF	2009/04/28 14:04
L10	85	(hand adj operated) with (check adj valve)	USPAT	OR	OFF	2009/04/28 14:04
L11	22	(hand adj operated) near3 (check adj valve)	USPAT	OR	OFF	2009/04/28 14:04
L12	109	(backflow adj prevention).ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 14:04
L13	26	pump with activate with within with range	USPAT	OR	OFF	2009/04/28 14:04
L14	81	pump with (activated activates activate) with within with range	USPAT	OR	OFF	2009/04/28 14:04
L15	225	pump with (cut-off or stop or allow or permit or permitted) with pressure with range	USPAT	AND	OFF	2009/04/28 14:04
L16	14	pressure near3 subrange	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04

L17	27	pressure near 3 subranges	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L18	17	L17 not L16	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L19	649	pressure with range with divided	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L20	136	pressure with (subrange or subranges or sub-range)	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L21	105	L20 not (L17 L16)	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L22	482997	filling	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L23	71	L19 and L22	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L24	36	pressure with subrange	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L25	28382	pressure with (ranges or subrange)	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L26	52048	(fill or filling or filler) with gas	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L27	26	L25 with L26	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L28	72	L25 same L26	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L29	126465	(tank or cylinder or container) with (filling or fill or filled)	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L30	28427	pressure with (ranges or subranges or subrange)	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L31	13081	(tank or cylinder or container) with (filling or fill or filled) with gas	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L32	321	L30 and L31	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L33	1423	L29 and L30	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L34	1102	L33 not L32	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L35	360	L34 and (cryogenic cryogen LNG overpressure hydrogen cng)	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L36	144	(determine or establish) with (range) with (pressure or operating) with pump	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04

L37	130	(select selects selecting) with (range) with (pressure or operating) with pump	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L38	139	L36 not L37	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L39	125	L37 not L36	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:04
L40	3242	(L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L20 L21 L23 L24 L27 L28 L32 L35 L36 L37 L38 L39)	USPAT	OR	OFF	2009/04/28 14:04
L41	550	(L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L20 L21 L23 L24 L27 L28 L32 L35 L36 L37 L38 L39)	US-PGPUB	OR	OFF	2009/04/28 14:35
L42	0	(filling and cryogenic and storage and tank and mobile and pump and hose and inlet and control and pressure and tapping and secondary and measure and logic and compare and three and ranges and minimum and maximum and establish and trigger and shutdown). clm.	US-PGPUB	OR	OFF	2009/04/28 16:13
S1	426	(141/231).COLS.	USPAT; USCOR	OR	OFF	2007/10/11 14:21
S2	563	(141/231).COLS.	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT	OR	OFF	2007/10/11 14:22
S3	0	("5954101A").PN.	USPAT; USCOR	OR	OFF	2007/10/16 13:24
S4	1	("5954101").PN.	USPAT; USCOR	OR	OFF	2007/10/16 13:24
S5	1	("6216719").PN.	USPAT; USCOR	OR	OFF	2007/10/16 13:25
S6	0	("6216719,6354088").PN.	USPAT; USCOR	OR	OFF	2007/10/16 13:25
S7	0	("6216719and6354088").PN.	USPAT; USCOR	OR	OFF	2007/10/16 13:27
S8	2	("6216719" "6354088").PN.	USPAT; USCOR	OR	OFF	2007/10/16 13:27
S9	1	("1291575").PN.	EPO	OR	OFF	2007/10/16 13:28
S10	0	("1291575A").PN.	EPO	OR	OFF	2007/10/16 13:28
S11	0	("1291575adjA").PN.	EPO	OR	OFF	2007/10/16 13:29
S12	0	("Messeradigriesheim").PN.	EPO	OR	OFF	2007/10/16 13:29

S13	1	("1291575").PN.	EPO	OR	OFF	2007/10/16 13:30
S14	7	("1291575").PN.	EPO; DERWENT	OR	OFF	2007/10/16 13:32
S15	945	Griesheim	USPAT	OR	OFF	2007/10/16 13:31
S16	0	S14 and S15	USPAT	OR	OFF	2007/10/16 13:31
S17	0	("ep1291575a").PN.	EPO; DERWENT	OR	OFF	2007/10/16 13:32
S18	945	griesheim	USPAT	OR	OFF	2007/10/16 13:34
S19	1801	griesheim	USPAT; EPO	OR	OFF	2007/10/16 13:35
S20	0	"0999402"	EPO	OR	OFF	2007/10/16 13:38
S21	1	"0999402"	EPO; DERWENT	OR	OFF	2007/10/16 13:38
S22	1106374	air liquide	EPO; DERWENT	OR	OFF	2007/10/16 13:39
S23	4	"999402"	EPO; DERWENT	OR	OFF	2007/10/16 13:39
S24	4	"5551490"	USPAT	OR	OFF	2007/10/16 13:40
S25	28	("5954101" "6216719" "6354088")	USPAT	OR	OFF	2007/10/16 13:56
S26	3	("5954101" "6216719" "6354088").PN.	USPAT	OR	OFF	2007/10/16 13:56
S27	0	"137.clas"	USPAT	OR	OFF	2007/10/16 14:17
S28	126063	"137".das.	USPAT	OR	OFF	2007/10/16 14:17
S29	13	"137".das. and overpressure and cut-off	USPAT	OR	OFF	2007/10/16 14:18
S30	8070	pump cut-off	USPAT	AND	OFF	2007/10/22 14:46
S31	6249	pump cut-off pressure	USPAT	AND	OFF	2007/10/22 14:46
S32	357	pump cut-off pressure tap	USPAT	AND	OFF	2007/10/22 14:46

S33	14	pump cut-off pressure adj tap	USPAT	AND	OFF	2007/10/22 14:49
S34	68	tank adj filling and cut-off	USPAT	AND	OFF	2007/10/22 15:32
S35	312	(137/899).CCLS.	USPAT; USCOOR	OR	OFF	2007/10/22 15:50
S36	434	(222/608).CCLS.	USPAT; USCOOR	OR	OFF	2007/10/22 15:51
S37	0	(141/59141/82141/83141/94141/95141/96141/192).CCLS.	USPAT; USCOOR	OR	OFF	2007/10/23 08:25
S38	0	(141/59or141/82or141/83or141/94or141/95or141/96or141/192).CCLS.	USPAT; USCOOR	OR	OFF	2007/10/23 08:25
S39	4800	((141/59) or (141/82) or (141/83) or (141/94) or (141/95) or (141/96) or (141/192)).CCLS.	US-PGPUB; USPAT; USCOOR; DERWENT	OR	OFF	2007/10/23 08:26
S40	1512	(141/59).CCLS.	US-PGPUB; USPAT; USCOOR; DERWENT	OR	OFF	2007/10/23 08:51
S41	787	(141/82).CCLS.	US-PGPUB; USPAT; USCOOR; DERWENT	OR	OFF	2007/10/23 13:57
S42	984	(141/83).CCLS.	USPAT; USCOOR	OR	OFF	2007/10/26 11:00
S43	492	141/83.ccls. & pressure	USPAT	OR	OFF	2007/10/26 11:00
S44	353	141/94.ccls. & pressure	USPAT	OR	OFF	2007/10/26 11:54
S45	713907	check valve	USPAT	OR	OFF	2007/11/01 08:29
S46	63011	check adj valve	USPAT	OR	OFF	2007/11/01 08:29
S47	0	manual* with (check adj valve)	USPAT	OR	OFF	2007/11/01 08:30
S48	0	manual* with (check adj valve)	USPAT	OR	OFF	2007/11/01 08:30
S49	0	disengage* with (check adj valve)	USPAT	OR	OFF	2007/11/01 08:30

S50	13163	manual and (check adj valve)	USPAT	OR	OFF	2007/11/01 08:31
S51	1139	manual with (check adj valve)	USPAT	OR	OFF	2007/11/01 08:31
S52	83	(hand adj operated) with (check adj valve)	USPAT	OR	OFF	2007/11/01 08:56
S53	22	(hand adj operated) near3 (check adj valve)	USPAT	OR	OFF	2007/11/01 09:05
S54	8	("2773251" "3628563" "3675072" "3788341" "4066095" "4145025").PN. OR ("6216719").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 09:25
S55	299725	backflow prevention	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 09:39
S56	889	backflow adj prevention	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 09:39
S57	0	(disengagable and backflow adj prevention)".ti"	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 09:39
S58	0	(disengagable and backflow adj prevention)".ti."	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 09:39
S59	0	(disengagable and backflow adj prevention).ti.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 09:40
S60	101	(backflow adj prevention).ti.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 09:40
S61	181	enerpac	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 13:59
S62	85	enerpac and valve	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 14:06
S63	35887	Manually Operated Check Valve	US-PGPUB; USPAT; USOOR	AND	OFF	2007/11/01 14:16
S64	22	Manually Operated Check Valve	US-PGPUB; USPAT; USOOR	ADJ	OFF	2007/11/01 14:16
S65	4	disengageable check valve	US-PGPUB; USPAT; USOOR	ADJ	OFF	2007/11/01 14:56
S66	1	manually-disengageable adj non-return	US-PGPUB; USPAT; USOOR	ADJ	OFF	2007/11/01 14:59
S67	0	("2006/0130925").URPN.	USPAT	OR	OFF	2007/11/01 15:51
S68	10	("4112760" "4373388" "4491016" "4805672" "5060512" "5117678" "5460210" "5966311" "6079266" "6244288").PN. OR ("7012536").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/01 16:29
S69	0	("2007/0051423").URPN.	USPAT	OR	OFF	2007/11/06 08:35

S70	0	("2006/0260711"),URPN.	USPAT	OR	OFF	2007/11/06 08:36
S71	0	("2006/0180237"),URPN.	USPAT	OR	OFF	2007/11/06 09:11
S72	0	("2002/0104581"),URPN.	USPAT	OR	OFF	2007/11/06 09:12
S73	10	("5142271" "5441070" "5554895" "5568825" "5823235" "5975162" "5999087" "6140620" "6164319" "6798209"),PN. OR ("6992569"),URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 09:33
S74	4	("6622758" "6354088" "7131278" "5373702"),PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 11:32
S75	14	("3633372" "4211085" "4224801" "4695302" "4886534" "5177974" "5924291" "5934095" "6044647" "6244053" "6354088" "6367264" "6581390" "6644039"),PN. OR ("7131278"),URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/11/06 11:38
S76	0	"6216719,pn"	USPAT	OR	OFF	2007/11/07 11:49
S77	0	"6216719,pn."	USPAT	OR	OFF	2007/11/07 11:49
S78	1	("6216719"),PN.	USPAT; USOOR	OR	OFF	2007/11/07 11:49
S79	1	("4266580"),PN.	USPAT; USOOR	OR	OFF	2007/11/07 16:10
S80	1	("3616643"),PN.	USPAT; USOOR	OR	OFF	2007/11/07 16:11
S81	3344	bleed adj valve	USPAT	OR	OFF	2007/11/09 08:30
S82	1	"4805672",pn.	USPAT	OR	OFF	2007/11/09 13:06
S83	1	"5062417",pn.	USPAT	OR	OFF	2007/11/09 13:06
S84	1	"5771946",pn.	USPAT	OR	OFF	2007/11/09 13:09
S85	1	"5238030",pn.	USPAT	OR	OFF	2007/11/09 13:10
S86	1	"5954101",pn.	USPAT	OR	OFF	2007/11/09 13:11
S87	1	"5373702",pn.	USPAT	OR	OFF	2007/11/09 13:14
S88	25	pump with activate with within with range	USPAT	OR	OFF	2008/04/22 12:15

S89	80	pump with (activated activates activate) with within with range	USPAT	OR	OFF	2008/04/22 12:16
S90	216	pump with (cut-off or stop or allow or permit or permitted) with pressure with range	USPAT	AND	OFF	2008/04/22 12:31
S91	36	("1522982" "3923155" "4313459" "4444230" "4483367" "4621657" "4625753" "4900938" "4956975" "5235999" "5282496" "5360139" "5404918" "5411374" "5549142" "5682750").PN, OR ("5954101"),URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2008/05/23 10:43
S92	10	("4527600" "4657055" "4813461" "4966206" "5029622" "52393030" "5259424").PN, OR ("5551490"),URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2008/05/23 10:57
S93	35	("3633372" "3946572" "5107906" "5121609" "5127230" "5163409" "5228295" "52311838" "5315831" "5373702" "5409467" "5411374" "5421160" "5421162" "55377824" "5682750" "5687776" "5771946" "5771948" "5787940" "5868176" "5884488" "5916246" "5954101").PN, OR ("6354088"),URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2008/05/23 11:01
S94	85	("20010050189" "20020011094" "20020014277" "20020027027" "20020078736" "20020094467" "20020100314" "20020114984" "20020157655" "20020160243" "20020162601" "20020162698" "20020163200" "20020164515" "20020182454" "20020189872" "20020189873" "20020198636" "20030000758" "20030008185" "20030015022" "20030022039" "20030022042" "20030022044" "20030022045" "20030029224" "20030037981" "20030039869" "20030062210" "20030071446" "20030072984" "20030077495" "20030082428" "20030083849" "20030091503" "20030110836" "20040166388" "20050061371" "20050103400" "20070023215" "4253428" "4570446" "4887556" "5156198" "5327990" "5330031" "5383500" "5410908" "5564306" "5605182" "5649577" "5763113" "5765656" "5830593" "6011484" "6057755" "6073487" "6089081" "6105697" "6155099" "6156447" "6164123" "6195999" "6202710" "6227037" "6285179" "6293363" "6294276" "63211593" "6332448" "6343505" "6354088" "6360835" "6363299" "6365289" "6391484" "6394207" "6403243" "6446487" "6466842" "6488015" "6536551" "6584825" "6727013" "6964821").PN, OR ("7350604"),URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2008/05/23 11:01
S95	160	S91 S92 S93 S94	US-PGPUB; USPAT	OR	OFF	2008/05/23 11:10
S96	17	("1897167" "4059424" "4828183" "5259424" "5315831" "5511955" "5687776" "5730216" "5771948" "5916246" "5934095" "5954101" "6044647" "6142191" "6260361" "6367264").PN, OR ("7021341"),URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2008/05/23 11:41
S97	23	("2443724" "2500249" "2500320" "2907176" "2945354" "3263433" "3797262" "3898853" "3925048" "4175395" "4897226" "5467603" "5894742" "5924291" "5954101" "6351737").PN, OR ("6488056"),URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2008/05/23 11:49
S98	31	("3754407" "3797263" "3946572" "4100759" "4592205" "4887857" "5177974" "5259198" "5267443" "5267446" "5285644" "5287705" "5305825" "5311927" "5315840" "5320167" "5365744" "5458188").PN, OR ("5916246"),URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2008/05/23 12:01
S99	36	("0291769" "1105157" "2075408" "2343545" "2421460" "2498401" "2587839" "2613462" "26711590" "2959023" "3659428" "3680967" "3831006" "4010623" "4053001" "4350186").PN, OR ("4657055"),URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2008/05/23 12:36
S100	21	("3272403" "4407278" "4566446" "4782826").PN, OR ("5062417"),URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2008/05/23 17:05

S101	1	"6345088".pn.	US-PGPUB; USPAT	OR	OFF	2008/08/20 12:14
S102	0	ep-0527045-\$ did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/08/20 12:15
S103	0	ep-19930527045-\$ did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/08/20 12:15
S104	0	"0527045"	EPO; DERWENT	OR	OFF	2008/08/20 12:17
S105	12	"527045"	EPO; DERWENT	OR	OFF	2008/08/20 12:17
S106	1	"6354088".pn.	US-PGPUB; USPAT	OR	OFF	2008/08/20 12:19
S107	12	pressure near3 subrange	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:31
S108	22	pressure near3 subranges	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:39
S109	14	S108 not S107	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:39
S110	634	pressure with range with divided	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:40
S111	126	pressure with (subrange or subranges or sub-range)	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:41
S112	100	S111 not (S108 S107)	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:41
S113	0	pressure with range with divided with into	US-PGPUB; USPAT	OR	OFF	2008/11/21 14:02
S114	465917	filling	US-PGPUB; USPAT	OR	OFF	2008/11/21 14:02
S115	69	S110 and S114	US-PGPUB; USPAT	OR	OFF	2008/11/21 14:02
S116	33	pressure with subrange	US-PGPUB; USPAT	OR	OFF	2008/11/21 14:23
S117	27407	pressure with ranges	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:22
S118	891444	(fill or filling or filler)	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:23
S119	7457	S117 and S118	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:23

S120	27436	pressure with (ranges or subrange)	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:23
S121	50312	(fill or filling or filler) with gas	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:24
S122	1120	S120 and S121	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:24
S123	26	S120 with S121	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:24
S124	71	S120 same S121	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:24
S125	123008	(tank or cyliner or container) with (filling or fill or filled)	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:53
S126	27479	pressure with (ranges or subranges or subrange)	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:53
S127	12660	(tank or cyliner or container) with (filling or fill or filled) with gas	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:53
S128	300	S126 and S127	US-PGPUB; USPAT	OR	OFF	2008/12/02 15:53
S129	1364	S125 and S126	US-PGPUB; USPAT	OR	OFF	2008/12/02 16:56
S130	1064	S129 not S128	US-PGPUB; USPAT	OR	OFF	2008/12/02 16:57
S131	348	S130 and (cryogenic cryogen ing overpressure hydrogen cng)	US-PGPUB; USPAT	OR	OFF	2008/12/02 17:00
S132	13078	(tank or cyliner or container) with (filling or fill or filled) with gas	US-PGPUB; USPAT	OR	OFF	2009/04/24 12:47
S133	13078	S132	US-PGPUB; USPAT	OR	OFF	2009/04/24 12:47
S134	144	(determine or establish) with (range) with (pressure or operating) with pump	US-PGPUB; USPAT	OR	OFF	2009/04/24 12:47
S135	130	(select selects selecting) with (range) with (pressure or operating) with pump	US-PGPUB; USPAT	OR	OFF	2009/04/24 12:53
S136	139	S134 not S135	US-PGPUB; USPAT	OR	OFF	2009/04/24 12:53
S137	125	S135 not S134	US-PGPUB; USPAT	OR	OFF	2009/04/24 12:53
S138	26083	"141".das.	US-PGPUB; USPAT	OR	OFF	2009/04/24 14:00
S139	30	S138 and bartender	US-PGPUB; USPAT	OR	OFF	2009/04/24 14:00

S140	56	{"2814317" "2852043" "3095982" "3409176" "3428218" "3629858" "3685692" "3822729" "3827467" "3915207" "3940019" "4162028" "4169521" "4252253" "4348142"},PN, OR ("4628974").URPN.	US-PGPUB; USPAT; USCOR	OR	OFF	2009/04/24 14:04
------	----	--	---------------------------	----	-----	---------------------

4/28/2009 4:13:48 PM

C:\Documents and Settings\jniesz\My Documents\EAST\Workspaces\10562982.wsp